

Listing of Claims:

Claim 1 (previously presented) A color filter structure comprising:

a substrate having a rim region and a central region defined thereon;

5 a first light-blocking layer positioned within the rim region on the substrate; and

a plurality of conductive color filters positioned in the central region on the substrate to form a common electrode.

10 Claim 2 (previously presented) The color filter structure of claim 1 wherein the central region corresponds to a pixel region on a thin-film transistor substrate.

15 Claim 3 (original) The color filter structure of claim 1 wherein the conductive color filters comprise at least a red color filter, at least a green color filter and at least a blue color filter.

Claim 4 (original) The color filter structure of claim 1 wherein the conductive color filters comprise conductive macromolecular compounds.

20 Claim 5 (original) The color filter structure of claim 1 wherein the conductive color filters comprise conductive nanometer particles.

25 Claim 6 (original) The color filter structure of claim 1 further comprising a plurality of second light-blocking layers positioned on the substrate except the rim region, the second light-blocking layers being used to avoid light interference between two adjacent conductive color filters.

Claim 7 (original) The color filter structure of claim 6 wherein the second

light-blocking layers are composed of conductive materials, and each of the second light-blocking layer is partially overlapped with its adjacent conductive color filters.

- 5 Claim 8 (original) The color filter structure of claim 6 wherein the second light-blocking layers are composed of insulating materials, and each of the conductive color filters contacts its adjacent color filter(s).

- 10 Claim 9 (withdrawn) The color filter structure of claim 1 wherein the first light-blocking layer is composed of insulating materials, the conductive color filters comprise a protrusion extending to the rim region and atop the first light-blocking layer, and the protrusion of the conductive color filters is used as an interconnection contact pad.

- 15 Claim 10 (original) The color filter structure of claim 1 wherein the first light-blocking layer is composed of conductive materials, the conductive color filters are partially overlapped with the first light-blocking layer, and the first light-blocking layer is used as an interconnection contact pad.

- 20 Claims 11-20 (cancelled)